



Ministry of
Northern Development
and Mines

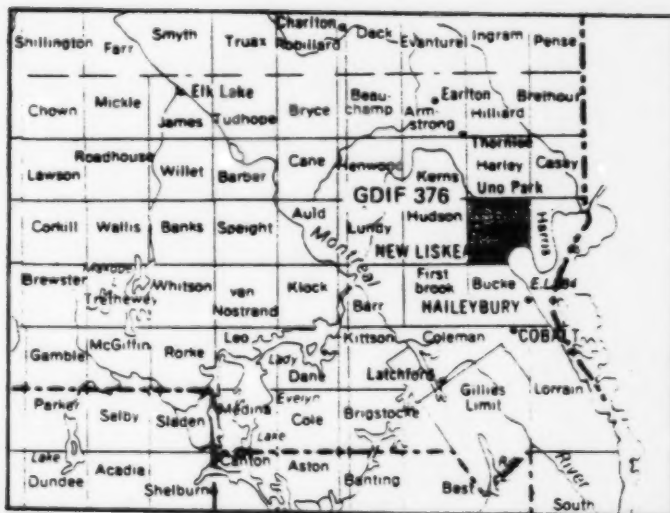
ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 376

DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Compiled by the Staff of
the Resident Geologist's Office
Cobalt



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 31M/12 and part of 31M/5

Mining Claim Map Number M-468

NTS Number 31M/12 and part of 31M/5
Mining Claim Map Number M-468

This project is part of the Canada-Ontario Mineral Development Agreement (COMDA), which is a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1986: Dymond Township, District of Timiskaming; Ontario Geological Survey Geological Data Inventory Folio 376, compiled by the staff of the Resident Geologist's Office, Cobalt; 25 pages and 2 maps.

Original Compilation by: Patricia Anderson, December 8, 1986.

Date	Page Revised	Revised by
May 13 1987	4, 6	B.M.

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist	1
Metals and Minerals Reference List	2
Mineral Occurrences	3
Type of Work	4
Drill Hole Summary	5
Airborne Geophysical Survey Data	6
Geochemical Survey Data	7
Miscellaneous Data	8
Newspaper Clipping File	9
ODM General Index Search	10
Selected References	14
Notes and Addenda	24

ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³
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1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
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1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)
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NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	Yes	D.P.A.
2	Assessment Files Research Office, Toronto	No	D.P.A.
3	ODM General Index; 9 Volumes	Yes	D.P.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	D.P.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	D.P.A.
6	ODM Industrial Mineral Reports	Yes	D.P.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.P.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	D.P.A.
9	Newspaper Clippings File	No	D.P.A.
10	GSC Index to Publications	Yes	D.P.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.P.A.
12	OGS Index Maps	Yes	D.P.A.
13	Source Mineral Deposit Records (O.G.S.)	No	D.P.A.
14	Author - Subject Articles File	No	D.P.A.
15	Miscellaneous Papers: ODM & OGS	Yes	D.P.A.
16	ODM Geological Circulars: OGS Study Series	No	D.P.A.
17	ODM Preliminary Reports: ODM Bulletins	Yes	D.P.A.
18	ODM - OGS Open File Reports	Yes	D.P.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.P.A.
20	OGS Aggregate Resources Inventory Papers	N.A.	D.P.A.
21	OGS Mineral Potential Maps	No	D.P.A.
22	Theses on File, Cobalt	No	D.P.A.
23	Aerial Photographs on File, Toronto	Yes	D.P.A.
24	Aerial Photographs on File, Cobalt	Yes	D.P.A.

METALS AND MINERALS REFERENCES LIST

Δ anh Anhydrite	Δ fu Fuchsite	Δ ni Nickel	Δ st Stone
Δ ank Ankerite	Δ gn Galena	Δ nb Niobium	Δ talc Talc
Δ anna Annabergite	Δ gt Garnet	Δ pd Palladium	Δ te Tellurium
Δ ap Apatite	Δ goe Goethite	Δ peat Peat	Δ td Tetradrite
Δ arg Argentite	Δ au Gold	Δ pent Pentlandite	Δ th Thorite
Δ as Arsenic	Δ gf Graphite	Δ pt Platinum	Δ th Thorium
Δ asp Arsenopyrite	Δ gl Gravel	Δ py Pyrite	Δ thuc Thucholite
Δ asb Asbestos	Δ gyp Gypsum	Δ pyl Pyrochlore	Δ ti Titanite
Δ ba Barite	Δ hem Hematite	Δ pyrl Pyrolusite	Δ ti Titanium
Δ be Beryl	Δ il Ilmenite	Δ po Pyrrhotite	Δ tour Tourmaline
Δ bi Bismuth	Δ fe Iron	Δ q Quartz	Δ trap Trap rock
Δ bn Bornite	Δ if Iron Formation	Δ qcv Quartz carbonate vein	Δ w Tungsten
Δ bran Brannerite	Δ jas Jasper	Δ ra Radioactive minerals	Δ uran Uraninite
Δ bruc Brucite	Δ kaol Kaolinite (kaolin)	Δ re Rare Earths	Δ u Uranium
Δ cd Cadmium	Δ ky Kyanite	Δ sd Sand	Δ verm Vermiculite
Δ calc Calcite	Δ pb Lead	Δ sgl Sand and gravel	Δ y Yttrium
Δ carb Carbonate	Δ lim Limonite	Δ ss Sandstone	Δ zn Zinc
Δ cel Celestite	Δ li Lithium	Δ scap Scapolite	Δ zr Zircon
Δ cc Chalcocite	Δ mgst Magnesite	Δ shee Scheelite	
Δ cp Chalcopyrite	Δ mag Magnetite	Δ serp Serpentine	
Δ ch Chert	Δ mc Malachite	Δ sh Shale	
▲ clay Clay	Δ mn Manganese	Δ sid Siderite	
Δ co Cobalt	Δ mb Marble	Δ si Silica	
Δ cob Cobaltite	Δ mar Marcasite	Δ ag Silver	
Δ cb Columbite	Δ ma Marl	Δ sl Slate	
Δ cu Copper	Δ mi Mica	Δ sm Smaltite	
Δ cor Corundum	Δ ml Millerite	Δ sod Sodalite	
Δ dol Dolomite	Δ mo Molybdenite	Δ spec Specularite	
Δ ep Epidote	Δ mo Molybdenum	Δ sp Sphalerite	
Δ ery Erythrite	Δ mon Monazite	Δ spd Spodumene	
Δ fel Feldspar	Δ ne Nephelinite (nepheline)	Δ staur Staurolite	
Δ fl Fluorite (fluorspar)	Δ nc Niccolite	Δ stib Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or listed in Drillhole Summary.

MINERAL OCCURRENCES

Map Ref. Letter	MINERAL OCCURRENCES		Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	Name(s)	Mineralization			
A.	Timiskaming Brick & Tile (Verdun, G. & Shepherdson)	clay		IMR 22, p. 180-181	operated producing brick & tile 1965-1968 F. Shepherdson and E. Camp- sall personal communication
B.	Richard Scott	clay			ODM, 1928, Annual Report 37, pt. 1, p. 54 ODM, 1938, Annual Report 47, pt. 1, p. 79 Walter Scott, personal com- munication - operated 1928, 1938, 1940, also soon after 1922 fire produced bricks and tiles
C.	The Liskeard Brick, Coal, Clay and Lumber Co. (K. Farah)	clay			ODM, 1905, Annual Report 14, pt. 2, p. 3 ODM, 1906, Annual Report 15, pt. 2, p. 18, 19, 26, 27 ODM, 1907, Annual Report 16, pt. 2, p. 34, 35 ODM, 1910, Annual Report 19, pt. 2, p. 109, 110

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	QUARRY
1.	EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number) Temiskaming Brick & Tile (G. Verdun & M. Shepherdson)																	65- 68
2.	New Liskeard Brick Works Scott, Richard (David Dunn)																	22? 28 38 40
3.	The Liskeard Brick, Coal, Clay and Lumber Co. (K. Farah)																	09 12 14
4.	St. Joseph Explorations Ltd., - Shepherdson Option								78	78	79	79			80			
5.	Shepherdson, Morely and Butler, Red			85		85		85										

DRILLHOLE SUMMARYMap
Drilling
Location
Number

Company Name

No data available as
of December 8, 1986Company
Drillhole
NumberDate
DrilledBearing
AzimuthInitial
Dip
of
HoleThickness
of
OverburdenTotal
Length
of HoleMineralization
Noted
in LogAssay Data
Included
for

AIRBORNE GEOPHYSICAL SURVEY DATA			Flight Line Altitude	Flight Line Direction	Flight Line Spacing
No.	By For	Type of Survey			
4	St. Joseph Explorations Ltd. 1978	electromagnetic & magnetic	400'	N-S	660'

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data available as of December 8, 1986			

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No data available as of December 8, 1986			

LANDSAT COLOUR PHOTO - NTS 31/M

LS	TR	FR	Date of Imagery	Band	Cycle/Day
2	20	27	13/10/81	C ₁	136/10

on file in Cobalt office

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

No data available as of December 8, 1986

DYMOND TOWNSHIP

GDIF FORM NO. 9

SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
Author	Date		

DYMOND TOWNSHIP

23

ODM GENERAL INDEX SEARCH

Words searched: Dymond Twp.
Farah, K.
New Liskeard
Wabi Bay
Wabi Creek

Index Volume	Listing:	Report Volume	Part	Page
1	Dymond Twp., Timiskaming			
	Brick-clay. See New Liskeard.			
	Diabase	*14	2	5
	with erythrite	*14	2	28
		*16	2	29
		*19	2	129
	Limestone	*19	2	108, 119-121
	Farah, K.			
	Brick making, New Liskeard	*22	1	32
		*24	1	30
	idle (1913)	*23	1	24
	New Liskeard, Dymond Twp.			
	Brick-clay at and near	*15	2	20
		*18	1	289
	analyses	*14	2	33
		*15	2	26, 27
		*16	2	35
		*19	2	110
	photos	*14	2	33
		*15	2	18, 19
		*16	2	34, 35
		*19	2	109, 110
	yards, notes	*15	2	83, 84
	See also Farah, K.			
	Iron ore near	*14	1	12
	Limestone	*19	2	75, 108
	Mining classes at	*14	1	40
		*15	1	43
		*16	1	50, 54
		*17	1	54, 57
	Profile from, to Toronto	*19	2	233
	Silver mines near	*25	1	11
	Timiskaming series near	*19	2	62-65
		*22	2	131

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Wabi Bay, Lake Timiskmaing Course	*14	2	36
		*16	2	36
		*19	2	11
	Rocks on and near	*13	2	85-87
		*19	2	229
	Striae	*19	2	111
	Wabi Creek, Wabi Bay Water system	*14	2	35
		*16	2	36
		*19	2	116
2	Dymond Twp., Timiskaming Diabase Limestone. See New Liskeard	*31	3	7
	New Liskeard, Dymond Twp. Agricultural land	*31	3	1, 9
		*31	3	16
		*34	1	172,
	Brick, clay			173
		*35	1	65
		*31	3	8
	Fault scarp	*31	2	31
		*31	3	17
		*28	1	150
	Rocks limestone analysis quarry vertical section	*31	2	15
		*31	3	20
3	New Liskeard, Dymond Twp. Brick plant	*37	1	54
		*47	1	79
		*49	1	71

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
3	New Liskeard, Dymond Twp. (continued) note on Classes for prospectors	*39 *38 *47	4 1 1	140 68 261
7	Wabi Formation (Silurian) Casey and Harris Twps. Drill hole	GR 36 GR 36		31-33 27-29
8	Dymond, Kerns, Harley and Hudson Twps., Timiskaming District summary of field work, 1970, by H.L. Lovell	MP 43		80-81
	Dymond Twp., Timiskaming District brick & tile	IMR 22		180-181
	Gravity Survey of the Timmins- Matheson-Cobalt areas	GR 127		
	New Liskeard, Timiskaming District Dymond Twp.	GR 127		58, 59
	New Liskeard Tile Yard Dymond Twp., Timiskaming District mining property, report on	IMR 22		180-181
	Wabi Creek Dymond Twp., Timiskaming District	MP 5		28, 29, 35

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
9	Dymond Twp., Timiskaming District Geology of the New Liskeard area	GR 144		
	New Liskeard Area, Timiskaming District clay	GR 144		20-21
	copper	GR 144		24
	Geology of the area Report and maps 2300 and 2301 on, 1976, by H.L. Lovell and E.D. Frey	GR 144		
	limestone	GR 144		19-20
	peat	GR 144		21
	Report (quaternary) and maps 5021 and 5025 on, by M.A. Roed	NOEGTS 84		
	silver	GR 144		21-23, 24
	summary of field work (quaternary), 1977, by J.D. Morton, R.C.F. King	MP 75		156-158
	summary of field work (quaternary), 1978, by J.D. Morton, R.C.F. King and M.W. Kain	MP 82		158
	Wabi Creek New Liskeard area, Timiskaming District	GR 144		17, 18, 19, 21
	* Out of Print			

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
		<u>REGIONAL GEOLOGICAL COMPILATION MAPS</u>			
Ginn, R.M.	1964	Timmins-Kirkland Lake Sheet, Cochrane, Sudbury & Timiskaming District, Ontario, Geological Compilation Series		ODM Map 2046	1:253 440
Card, K.D. et al	1971	Sudbury-Cobalt Sheet, Geological Compilation Series, Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury and Timiskaming Districts, Ontario		ODMNA Map 2188	1:253 440
Pyke, D.R., Ayres, L.D., Innes, D.G.	1973	Timmins-Kirkland Lake Geological Compilation Series, Cochrane, Sudbury and Timiskaming District, Ontario		OGS Map 2205	1:253 440
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince		OGS Map 2484	1:500 000
		<u>GEOPHYSICAL MAPS</u>			
	1965	Cobalt, Ontario-Quebec, NTS 31M/5		GSC Map 1492G	1:63 360
	1965	New Liskeard, Ontario-Quebec, NTS 31M/12		GSC Map 1493G	1:63 360
Middleton, R.S.	1975	Gravity Control Network in the Timmins, Matheson and Cobalt Areas, Districts of Cochrane and Timiskaming		OGS GR 127	p. 58-59
OGS	1978	Airborne Gamma-Ray Spectrometry Maps and Profiles		OGS Maps P. 80411-80425	1:250 000
Gupta, V.K., Wadge, D.R.	1980	Bouguer Gravity and Generalized Geological Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing and Sudbury		OGS P. 2296	1:100 000

SELECTED REFERENCES		Reference	Map Scales and/or Report Pages	
Author	Date			
Gupta, V.K., Grant, F.S., Boud, A.	1981	<u>GEOPHYSICAL MAPS</u> A Gravity Study in North-Central Ontario, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	No. 26 pp. 160-164	
	1981	Magnetic Anomaly Map, Timiskaming-Kapuskasing Region	1:1 000 000	
	1982	Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in Summary of Field Work, 1982, edited by J. Wood et al, Ontario Geological Survey	OGS MP 106	No. 24 pp. 165-167
Mansinha, L., Wilkinson, D.A.	1983	Interpretation of Gravity Data from New Liskeard, Ontario; Ontario Geoscience Research Grant Program, Grant No. 109	OGS OFR 5440	
	1984	Sudbury, Ontario and Quebec, IMW NL 16/17, Magnetic Anomaly Map	GSC Map NL 16/17-M	1:1 000 000
GSC		Aeromagnetic Map	GSC Map 7075G	1:253 440
		Earth Physics Branch Gravity Map Series	EPB Maps No. 84, 134	1:500 000
		<u>SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING</u>		
	1951	New Liskeard, Ontario, topographic	NTS 31M/NW	1:126 720
	1951	Haileybury, Ontario, topographic	NTS 31M/SW	1:126 720
	1956	Cobalt,	NTS 31M/5, 31M/SE, 31M/SW	
	1976	Ville Marie, Quebec-Ontario, topographic	NTS 31M	1:250 000

GDIF FORM NO.9

SELECTED REFERENCES		Map Scales and/or Report Pages
Author	Date	

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
	1983	<u>SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING</u> New Liskeard, Ontario, topographic Dymond Township Claim Map	NTS 31M/12 MNR Plan No. M-468	1:50 000 1" = 40 ch.
		<u>MINERAL POTENTIAL</u>		
	1943	Mineral Resources of the Timiskaming Silver-Cobalt Area, Ontario	ODM Bulletin 134	
Reid, J.A. Springer, J.	1977	Ontario Mineral Potential Map, Gogama Sheet and part of Ville Marie Sheet, District of Sudbury and Timiskaming	OGS Map P. 1514	1:250 000
		<u>GEOCHEMICAL</u>		
	1966	Geochemical prospecting research in 1966, Cobalt area, Ontario	GSC Paper 66-46	15 p.
Boyle, R.W. Boyle, R.W. et al	1969	Research in geochemical prospecting methods for native silver deposits, Cobalt area, Ontario, 1966	GSC Paper 67-35	91 p.
Hornbrook, E.H.W.	1972	Geochemical and biogeochemical exploration methods of research in the Cobalt area, Ontario	GSC Paper 71-32	45 p.
Dillon-Leitch, H.	1980	Alteration and Mineralization in Archean Volcanic Rocks of the Cobalt Area; in Summary of Field Work, 1980, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 96	No. S 25 pp. 191-194

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
		<u>GEOLOGICAL REPORTS AND MAPS</u>			
Barlow, A.E.	1899	Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and Pontiac, Quebec		*GSC Annual Report X, pt. 1 *GSC Map 599	1:253 440
Bell, R.	1906	The Cobalt Mining District, Ontario		*GSC Summary Report, 1905	pp. 94-105
Bell, R.	1907	Cobalt District and Northward		*GSC Summary Report	pp. 110-112
Parks, W.A.	1907	The Geology of a District from Lake Temiskaming Northward		*GSC Annual Report, 1904, vol. XVI, pt. A	pp. 198-225
Barlow, A.E.	1908	Second Edition of a Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and the County of Pontiac, Quebec		*GSC Separate Report 962 *GSC Map 944	1:63 360
Brock, R.W.	1909	The Huronian Conglomerate of the Cobalt District		*GSC Summary Report, 1908	pp. 12-13
Burrows, A.G., Knight, C.W.	1913	Map of Sudbury-Cobalt-Porcupine Region, Ontario		OBM Map 22h	1:506 880
Williams, M.Y.	1915	The Ordovician Rocks of Lake Timiskaming		*GSC Museum Bulletin 17	

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
		GEOLOGICAL REPORTS AND MAPS			
Hume, G.S.	1917	Paleozoic Rocks of Lake Temiskaming Area		*GSC Summary Report, 1916 *GSC Map 1673	pp. 188-192
Burrows, A.G., Hopkins, P.E.	1922	Blanche River Area, Timiskaming District, Ontario		*ODM Annual Report 31, pt. 3	
Burrows, A.G., Hopkins, P.E.	1922	Blanche River Area, Timiskaming District, Ontario		*ODM Map 31b	1:63 360
Hume, G.S.	1925	The Paleozoic Outlier of Lake Temiskaming, Ontario and Quebec		*GSC Memoir 145	
Savage, W.S., Thomson, R., Kenwick, K.G.	1962	Elk Lake-New Liskeard Sheet, District of Timiskaming, Ontario		ODM Map P. 159	1:126 720
Copeland, M.J.	1965	Ordovician Ostracoda from Lake Temiskaming, Ontario		GSC Paper 127	77 p.
Sinclair, G.W.	1965	Succession of Ordovician Rocks at Lake Temiskaming		GSC Paper 65-34	6 p.
Roscoe, S.M.	1969	Huronian Rocks and Uraniferous Conglomer- ates in the Canadian Shield		GSC Paper 68-40	205 p.
Lovell, H.L., Caine, T.W.	1970	Lake Timiskaming Rift Valley, Ontario		ODM MP 39	
Bolton, T.E., Copeland, M.J.	1972	Paleozoic Formations and Silurian Biostrati- graphy, Lake Timiskaming Region, Ontario and Quebec		GSC Paper 72-15	49 p.
Lovell, H.L., Frey, E.D.	1972	Geology of the New Liskeard Area, Timiska- ming District, Ontario		ODM OFR 5083	

GDIF FORM NO. 9

SELECTED REFERENCES		Date	Author	Title	Reference	Map Scales and/or Report Pages
1973	Lovell, H.L., Frey, E.D., Caine, T.W.	1973		<u>GEOLOGICAL REPORTS AND MAPS</u> Dymond Township, Timiskaming District, Ontario	ODM Map P. 787	1:15 840
				Harley and Dymond Townships, Timiskaming District, Ontario	ODM Map P. 2301	1:31 680
				Geology of the New Liskeard Area, NTS 31M/5 & 12, Timiskaming District, Ontario	ODM Geoscience Report 144	
				Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1979, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 90	No. S 18 pp. 79-81
				Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1980, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 96	No. 14 pp. 61-63
1981	Carter, M.W.	1981		Shining Tree Area, Districts of Sudbury and Timiskaming	OGS OFR 5346	67 p.
1981	Colvine, A.C.	1981		Reconnaissance of the Lorrain Formation, Northern Cobalt Embayment; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 29 pp. 187-189
1981	Russell, D.J.	1981		The Geology of the Paleozoic Outliers on the Canadian Shield; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 23 pp. 117-120

SELECTED REFERENCES				Map Scales and/or Report Pages
Author	Date	Title	Reference	
		<u>GEOLOGICAL REPORTS AND MAPS</u>		
Russell, D.J.	1983	Geology of the Paleozoic Outliers on the Canadian Shield; in Summary of Field Work, 1983, edited by J. Wood et al, Ontario Geological Survey	OGS MP 116	No. 24 pp. 104-106
Donaldson, J.A. et al	1984	Grant No. 173, Sedimentary Rocks and Strata-bound Mineralization in the Cobalt Region; in Geoscience Research Grant Program, Summary of Research, 1983-1984, edited by V.G. Milne, Ontario Geological Survey	OGS MP 121	pp. 198-210
Hunter & Associates Ltd.	1984	Peat and Peatland Evaluation of the New Liskeard Area	OGS OFR 5486, volumes 1, 2, 3	
Johns, G.W.	1985	Geology of the Firstbrook and Parts of Surrounding Townships Area, accompanied by Firstbrook and Parts of Surrounding Townships, Timiskaming District	OGS Report 237	58 p.
Johns, G.W., Van Steenburgh, R.	1985		OGS Map 2474	1:31 680
Gupta, V.K.	1985	Cobalt Embayment Interpretation: Depth to Basement and Distribution of Nipissing Diabase from Aeromagnetics; in Summary of Field Work and Other Activities, 1985, edited by John Wood, Owen L. White, R.B. Barlow, and A.C. Colvine, Ontario Geological Survey	OGS MP 126	pp. 178-181
H.G.E. Inc.	1984	Pre-Engineering Feasibility Study Lime-stone Crushing Facility in Northern Ontario	OGS OFR 5523	40 p.

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Hume, G.S.	1920	JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		Ph. D. Thesis, Yale University	
		Stratigraphic and Geologic Relations of the Paleozoic Outlier of Lake Timiskaming, Ontario			
		*Out of Print			

NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only areas for which has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

No present producers.

The land in Dymond Township has basically been used for farming. There are no historical records of prospecting or claims staked.

AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

Year	Roll	Strip	Photo
1946	208	107	119-126
	208	108	117-123
	208	109	115-121
	214	110	24-25
	208	110	27-34
	206	111	51-58
1958	17	4721	288-292
1959	21	4722	106-113
	20	4721	159-166
	20	4720	182-188
1970	25	4724	107-113
	23	4723	195-202
	44	4723	175-177
	23	4722	170-176
	44	4721	210-204
1977	1	4724	108-114
	45	4723	113-119
	45	4722	74-80
	45	4721	29-35
1978	14	4725	29-35
	14	4724	74-80
	14	4723	119-125
	7	4722	30-36

NOTES AND ADDENDA

AIR PHOTOS - on file in Cobalt

Year	Roll	Strip	Photo
1946	208	108	117-123
	208	109	116-122
	208	110	27-33
	206	111	51-57
1959	20	4720	81-88
1958R	121	4721	288-294
1959	20	4721	159-166
1959	21	4722	106-112

HARLEY



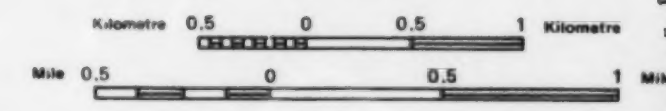
Ministry of
Northern Development
and Mines

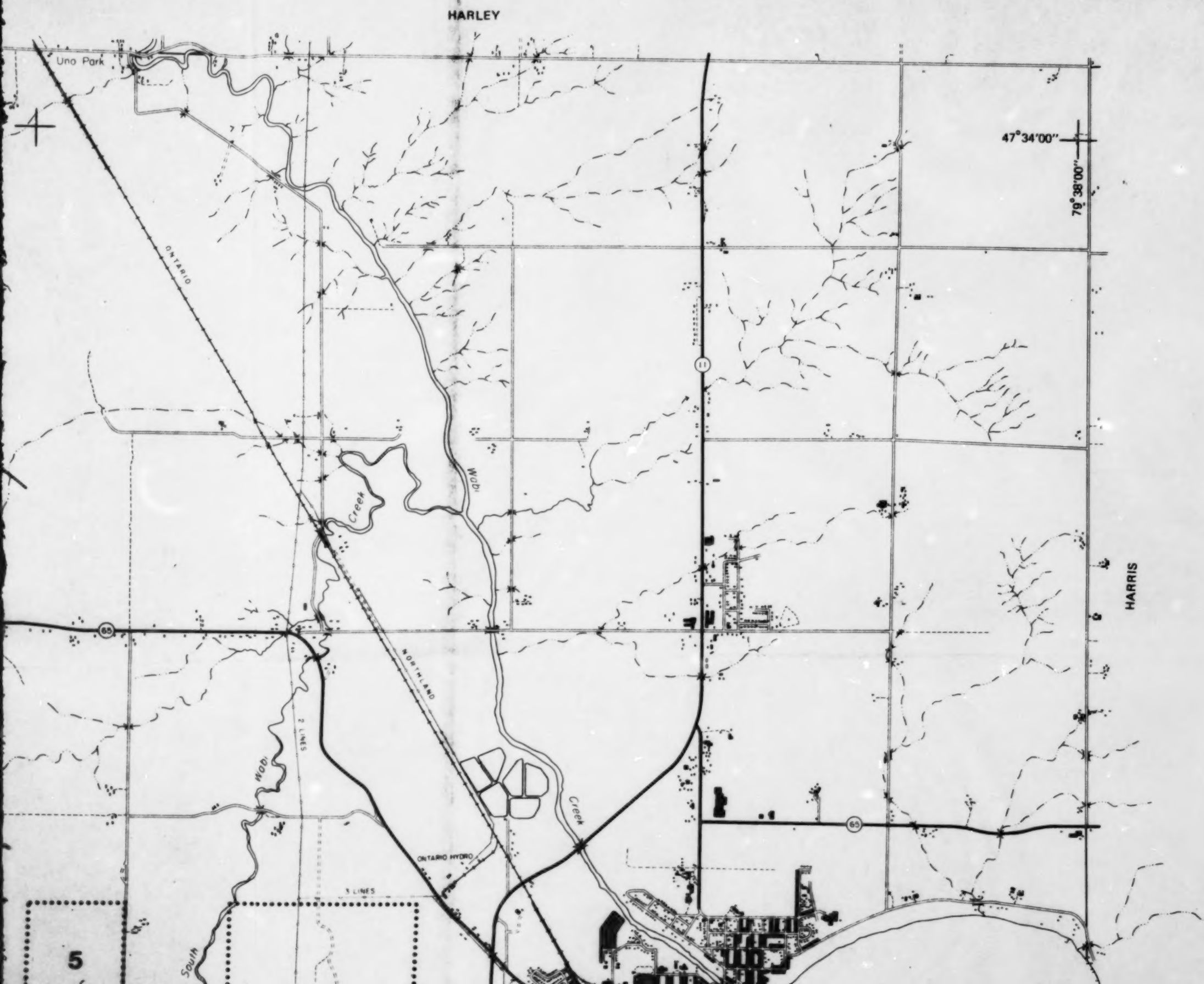
ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
GEOLOGICAL DATA INVENTORY FOLIO 376
(Map 1 of 2)

DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680





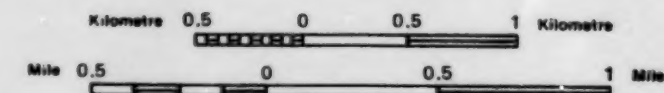
Ministry of
Northern Development
and Mines

ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
GEOLOGICAL DATA INVENTORY FOLIO 376
(Map 1 of 2)

DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680



DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1



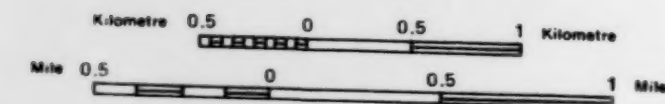
EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outline. See listing in text pages.
- Small area exploration.

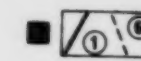
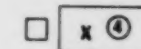
DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680



EXPLORATION DATA FILE AREAS

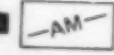
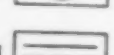
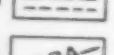
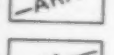
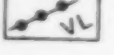
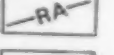
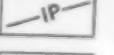
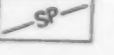
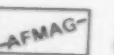
-  Reference number is always inside work area outlined. See listing in text pages.
-  Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

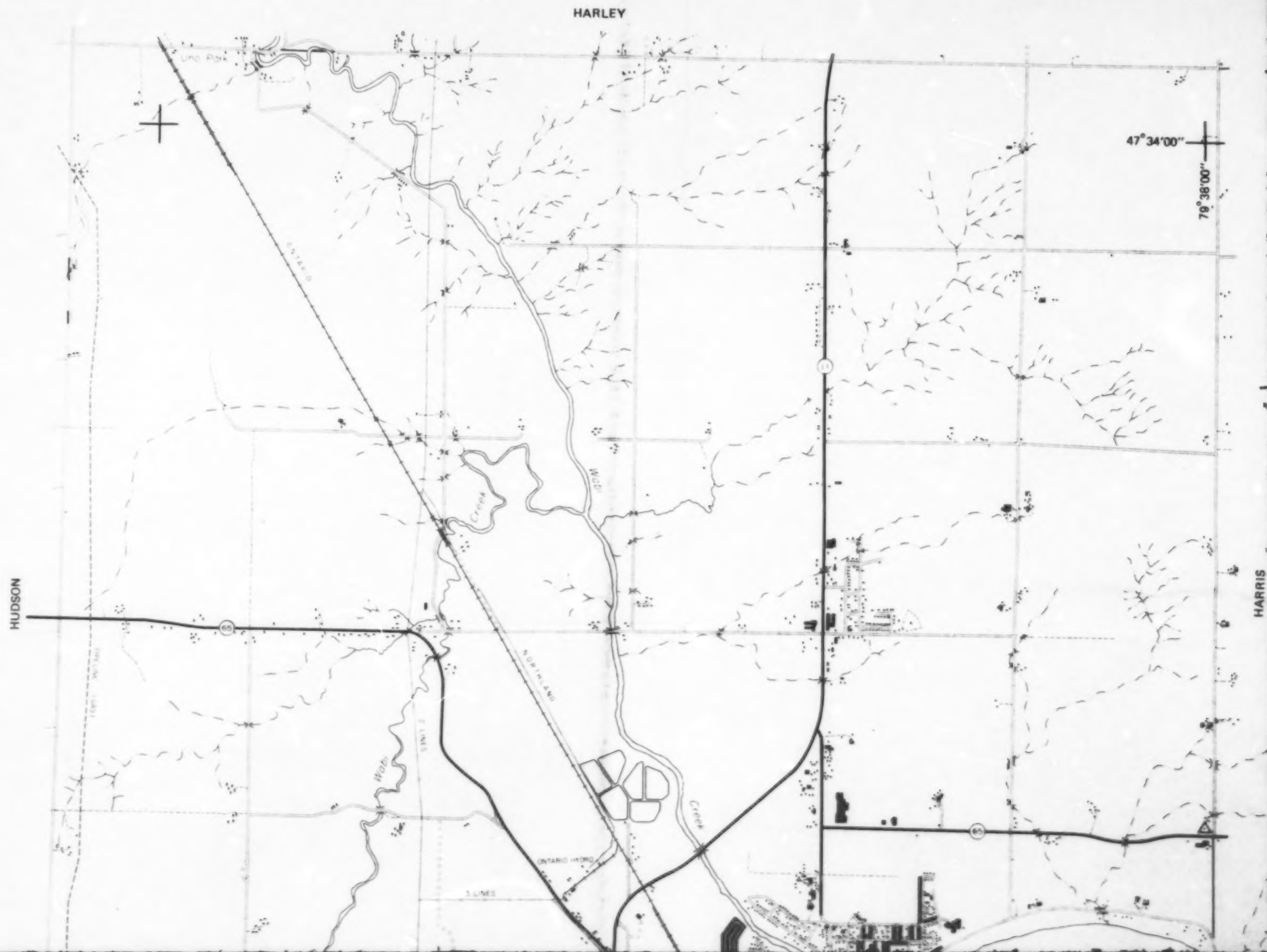
- ☐  Geochemical sample site, with reference number
- ☐  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number

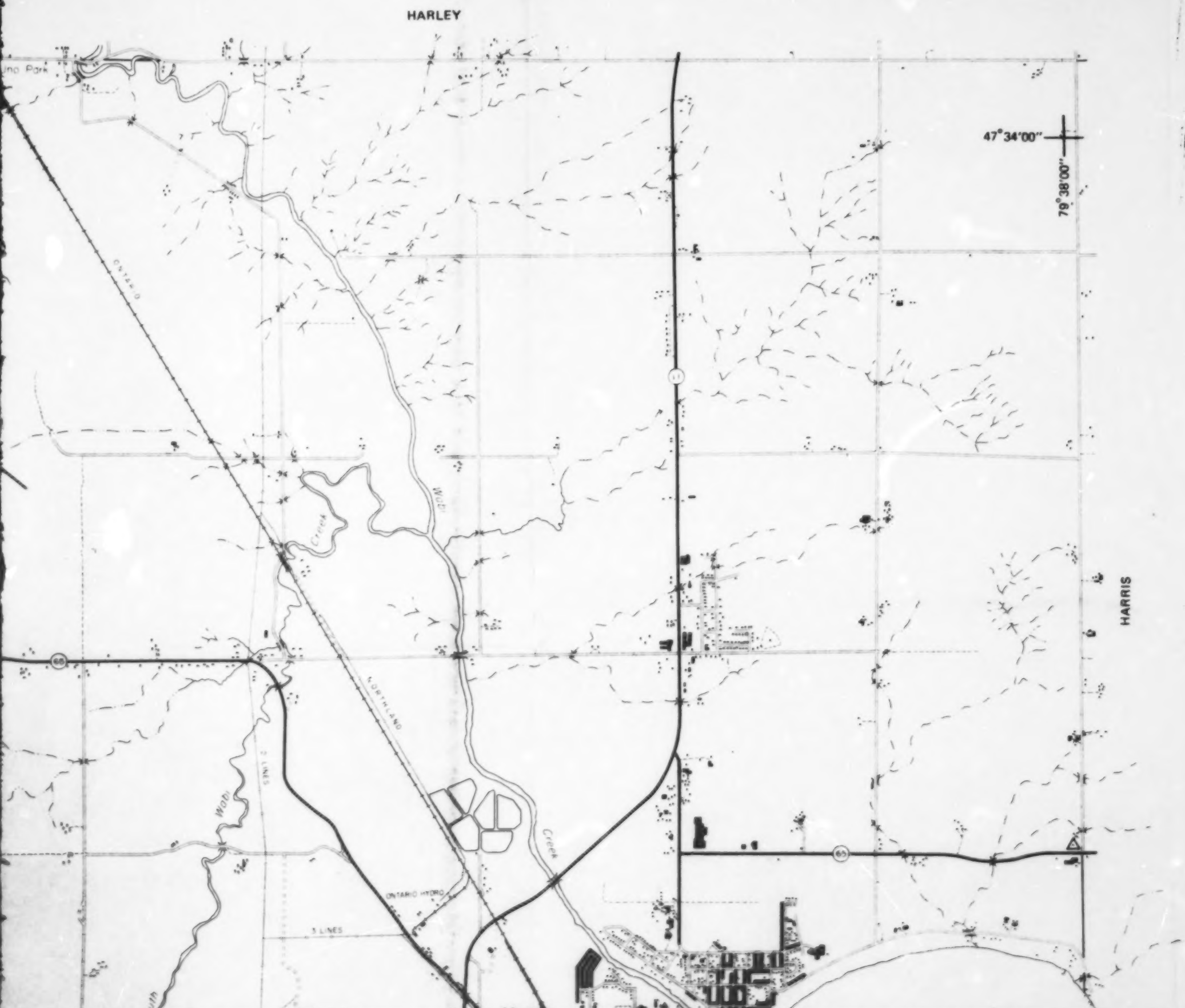
GEOPHYSICAL ANOMALIES

- ☒  Airborne magnetic anomaly
- ☐  Airborne electromagnetic anomaly
Length of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☐  Ground magnetic anomaly
- ☒  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop;
VLF - Very low freq; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly
- ☐  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly
(total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

MISCELLANEOUS DATA

- ☐  Trenching pit





Ministry of
Northern Development
and Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

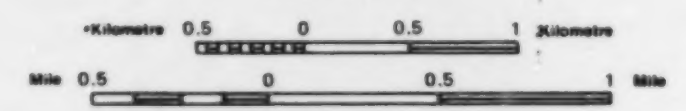
GEOLOGICAL DATA INVENTORY FOLIO 376

(Map 2 of 2)

DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ Mineral occurrence at surface, with reference letter
- ☐ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized float with reference letter

DRILLHOLE

- ☐ Location of single drillhole, with reference number
- ☐ Location of closely spaced group of drillholes, with reference number
- ☐ Drillhole, exact location uncertain, with reference number

GEOPHYSICAL ANOMALIES

- ☒  Airborne magnetic anomaly
- ☐  Airborne electromagnetic anomaly
Length of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☐  Ground magnetic anomaly
- ☒  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop;
VLF - Very low freq; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly
- ☐  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly
(total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

MISCELLANEOUS DATA

- | | | | |
|---|----------------|---|------------------------|
| ☒  | Trenching, pit | ☐  | Rock quarry |
| ☐  | Adit | ☐  | Sand and/or gravel pit |
| ☐  | Open pit | ☒  | Geodetic Station |

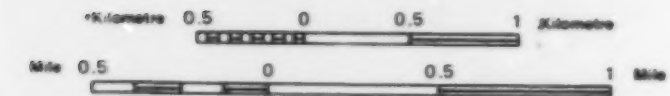
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



DYMOND TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

**GEOLOGICAL AND MINING SYMBOLS**

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ Mineral occurrence at surface, with reference letter
- ☐ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized float with reference letter

DRILLHOLE

- ☐ Location of single drillhole, with reference number
- ☐ Location of closely spaced group of drillholes, with reference number
- ☐ Drillhole, exact location uncertain, with reference number
- ☐ Property with underground drillholes in this general area, with reference number
- ☐ Property with drillholes which have not been plotted on map, with reference number
- ☐ Reverse circulation drillhole; churn drilling, with reference number



356